



## INTRODUCTION

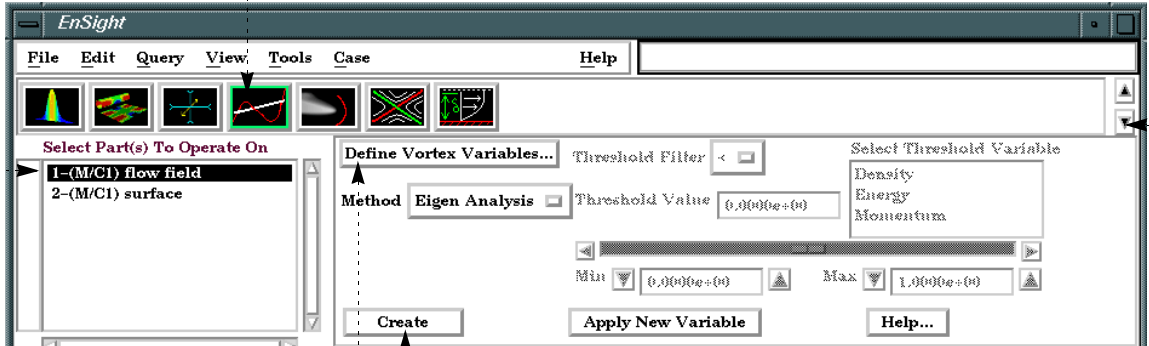
Vortex cores are centers of swirling flow where the velocity is parallel to the vorticity. For a more complete description refer to the User Manual section below.

## BASIC OPERATION

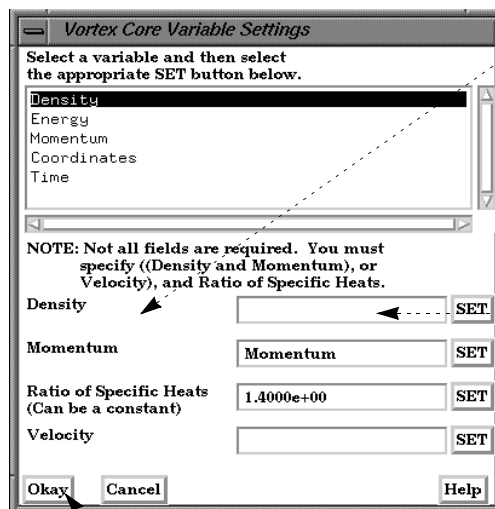
1. Select the parent part.

2. Select the Vortex Core icon on the second row of icons.

Click here if you do not see this icon.



3. Bring up the Vortex Core Variable Settings dialog by clicking here.



4. Define either (Density and Momentum) or Velocity, as well as the Ratio of Specific Heats.

The variables can be set by either typing them into the fields, or selecting them from the list above and clicking the Set button.

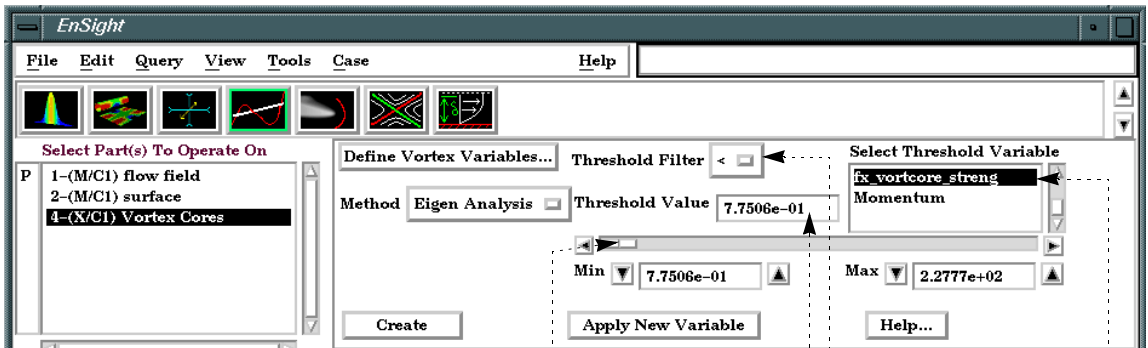
5. Click Okay to finish the variable setup.

6. Click Create.



## ADVANCED USAGE

The resulting vortex core lines can be filtered by the vortex core strength or by any other active variable.



1. Select the variable to filter by.
2. Set the Threshold filter to remove the portion of the vortex core that is larger or less than the specified threshold value.
3. Enter a threshold value  
- or -  
3. Slide the slider to a new threshold value.

## SEE ALSO

User Manual: [Vortex Core Create/Update](#)